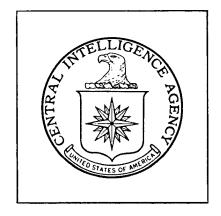


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Industrial Facilities (Non-Military)

DIRECTORATE OF INTELLIGENCE

Basic Imagery Interpretation Report

Nonferrous Metals Plants

North Korea



Approved For Release 2008/10/06 : CIA-RDP79T00909A000900010048-5



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CENTRAL INTELLIGENCE AGENCY Directorate of Intelligence Imagery Analysis Service

ABSTRACT

This report, based on 1970 photography, updates the previous basic imagery interpretation reports on the three nonferrous metals plants in North Korea. The cut-off date for information in this report is November 1970.

No changes were observed at the Munchon Nonferrous Metals Plant or the Nampo Copper and Zinc Plant. A new possible smelting building was observed under construction at the Hungnam Nonferrous Metals Plant. All three plants were seen operating on the latest imagery.

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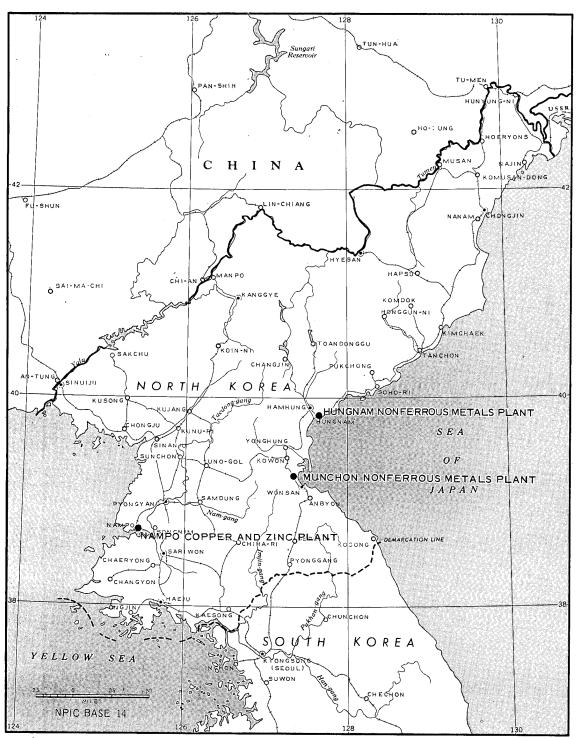


FIGURE 1. LOCATION MAP

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			and Zinc				
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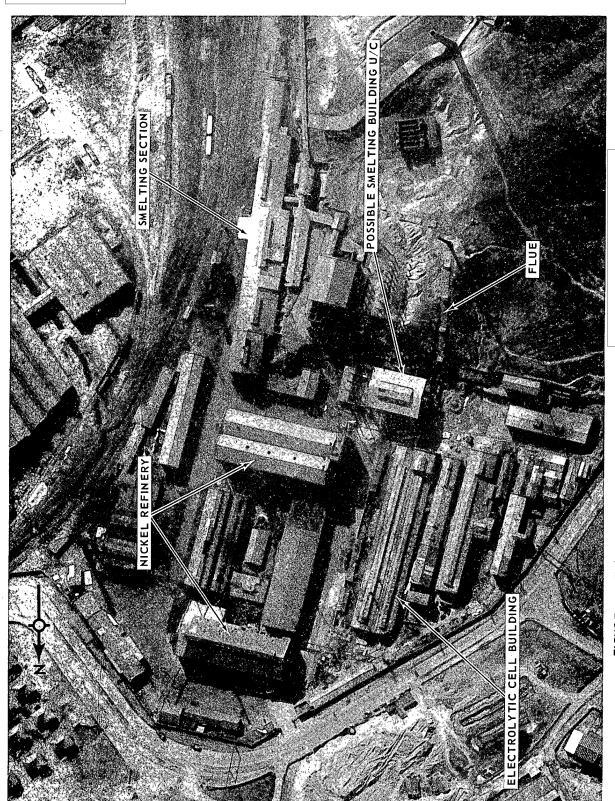


FIGURE 2. HUNGNAM NONFERROUS METALS PLANT,

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ungnam Copper	GEOGRAPHIC COORDINATES	INIV
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2SCV817100	39-49-33N 127-37-01E	
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(SE	CRET	
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		TVV
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The:results	of this study and the pre	evious report indicate that the name
	ngnam Nonferrous Metals F	<u>Plant.</u> The Hungnam Copper Refinery and
should be Hu		· · · · · · · · · · · · · · · · · · ·
	Nickel Refinery	are collocated as one nonferrous

BASIC DESCRIPTION

A possible smelting building has been identified under construction at the Hungnam Nonferrous Metals Plant (see Figure 2). Footings for this building were first seen in August 1969, the date of the latest photography used in the previous report. In November 1970, this building did not appear connected to the flue system immediately in front of it. No equipment had yet been installed in this building.

Smoke was coming from the large stack associated with the old smelting section in October 1969, and in September and November 1970. In September 1970, smoke was also observed emanating from the small stack associated with the electrolytic cell building. No smoke was observed at the plant in March 1970, indicating the smelters were not operating.

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	TIVITY NAME				COUNTRY	
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Munchon Nonferi	rous Metals Igeographic c		1		KN	
52SCU587457	39-15-17	N 127-21-41E				
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Plant since Juneport. The plant stack associate Document CIA. RCS -	was operated with the	have been observe date of the ling in March IST lead smelter.	rved at the Muncho atest photography 970. Smoke was co	v used in tome	the large	
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ampo Copper a	nd Zinc Plan	+			KN
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51SYC114896	38-44-04N	125 - 26-04E			
AP REFERENCE					
ISNOO. USATC, (SECRE		Sheet M0380-7	HL. 4th ed. Nov 68.	Scale 1:	200.000
ATEST IMAGERY USE	ED .		NEGATION DATE (If required	1)	
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				NA	
J		n the copper sr			
Document	17/0017/70	Name of Contract o	and Zinc Plant, <u>No</u> r		

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